



# **Operations Report**

## **CDF Weekly Meeting**

**Nathan Eddy**



# Store Summary

Date	Store	Init L	Dur	Del L	Live L (ε)	Phys L (ε)
Su 8/31	2975	29.3	16.1	969	723 (75%)	626 (65%)
Mo 9/1	2977	43.8	20.3	1708	1470 (86%)	1450 (85%)
Tu 9/2	2979	44.5	7.1	861	740 (86%)	740 (86%)
We 9/3	2985	35.5	~14	~1200	~900 (75%)	~600 (50%)
	Totals		57.5	4738	3833 (81%)	3416 (72%)



# Detector Operations

- **New TDCs**
  - 10 (2 E & 8 F) tested
    - Readout fine b0htdc00
    - Readout in spy mode in b0diag00 with new tracer prom
  - Installed in b0cot18
    - Exhibited byte shift error in spymode even with new prom
    - Currently in but non-spymode
- **Special Runs**
  - CMP phi gap trigger test
  - CLIST L2 error trigger test
  - XFT Road/Three Track Trigger test
- **Silicon 2 SRC running**
  - Currently running with ISL & L00 readout on 2<sup>nd</sup> SRC
  - Investigating L1Done timeouts
  - Working on new SVXMon
  - Experts analyzing data
- **Muons in L2**
  - Pulsar Board
    - Beam tests successful
    - Currently included in standard running (not cutting)
  - Muon Board
    - Beam test taken
    - Experts Analyzing
  - L3 Reformatter errors when reading out either PB or MB diagnostic banks



# Accelerator Status

- **Current running**
  - Proton losses have been marginal  $\sim 25\text{kHz}$  or less
  - Half of the stores terminated normally
- **Last Store**
  - 5 instead of 7 bunch coalescing on proton injection
  - 2.5MHz Pbar transfers
  - Damper studies before shot, dampers not used
  - Proton losses very stable at 6kHz
- **Deliver at least 1 more good store**
  - Shutdown Linac/Booster at midnight Saturday
  - Shutdown Tevatron at 4pm Sunday



# Summary

- **Testing, testing, testing**
  - 4.7pb-1 delivered
  - 3.8pb-1 to tape
  - 3.4pb-1 good with Silicon
- **Take good physics data with Pulsar integrated for remaining stores**
- **Prepare for Shutdown**